Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022318\
Data File : BG032802.D
Acq On : 23 Feb 2018 22:42
Operator : SJ/JU
Sample : J1642-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 24 02:10:51 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 17:04:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	72547	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	307831	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	169650	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	391660	20.00	ng	0.00
75) Chrysene-d12	22.63	240	398703	20.00	ng	0.00
86) Perylene-d12	26.44	264	421962	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	261022	57.56	ng	0.00
7) Phenol-d6	8.02	99	203097	32.13	ng	0.00
23) Nitrobenzene-d5	10.13	82	500356	109.55	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	290995	163.13	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1126989	95.81	ng	0.00
78) Terphenyl-d14	20.79	244	1697821	95.67	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.62	88	10145	5.15	ng	# 1
19) n-Nitroso-di-n-propylamine	10.13	70	64222	14.39	ng	# 83
24) Nitrobenzene	10.12	77	1453	6.64	ng	# 41
47) 2-Nitroaniline	14.17	65	2063	10.42	ng	# 1
50) 2,6-Dinitrotoluene	15.54	165	22710	16.66	ng	# 20
56) 2,4-Dinitrotoluene	15.54	165	22710	14.86	ng	# 18
64) 4,6-Dinitro-2-methylphenol	17.00	198	911	5.94	ng	# 1
66) 4-Bromophenyl-phenylether	17.01	248	21270	5.14	ng	# 1
76) Benzidine	20.79	184	28153	2.07	ng	# 89

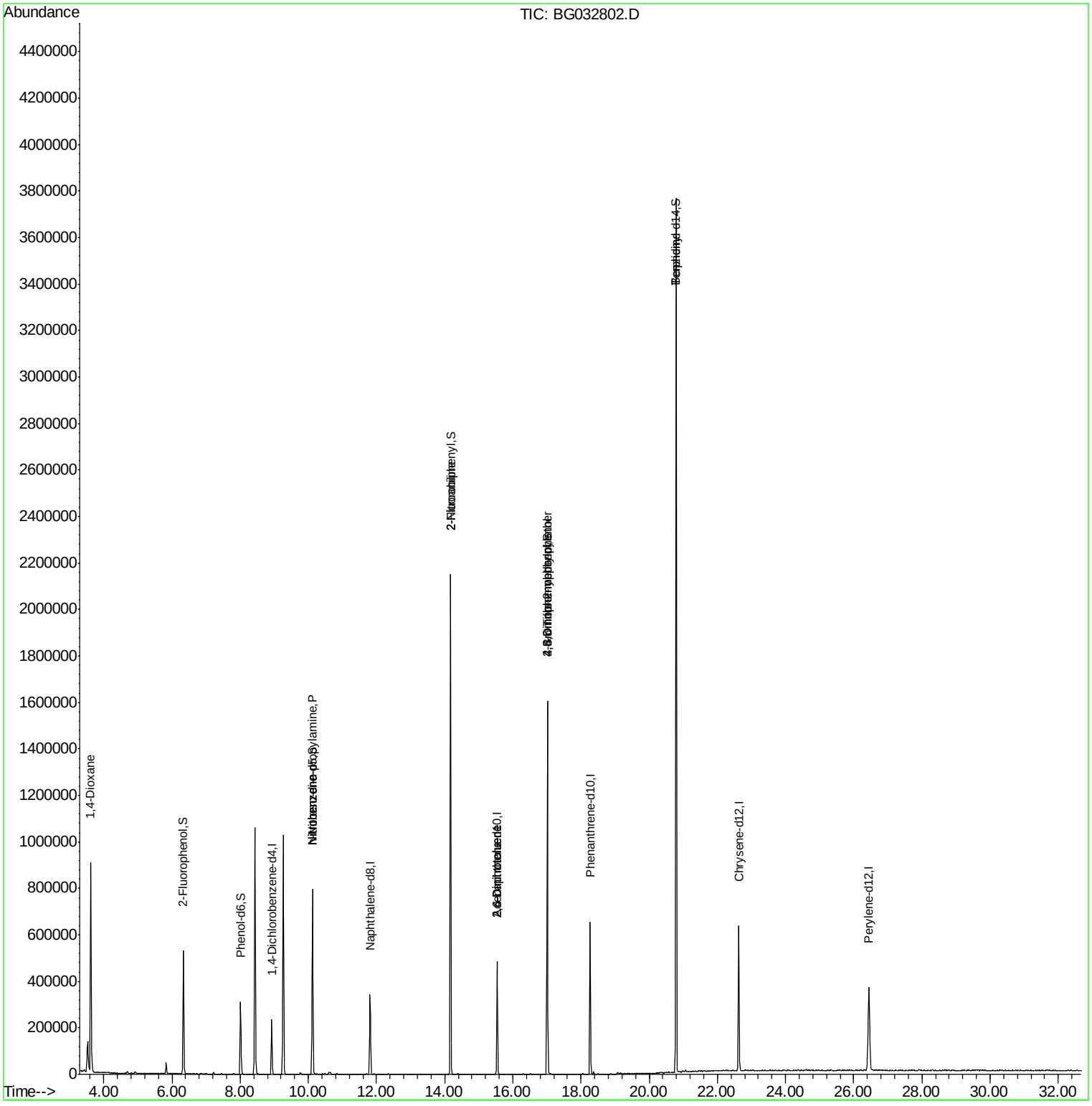
(#) = qualifier out of range (m) = manual integration (+) = signals summed

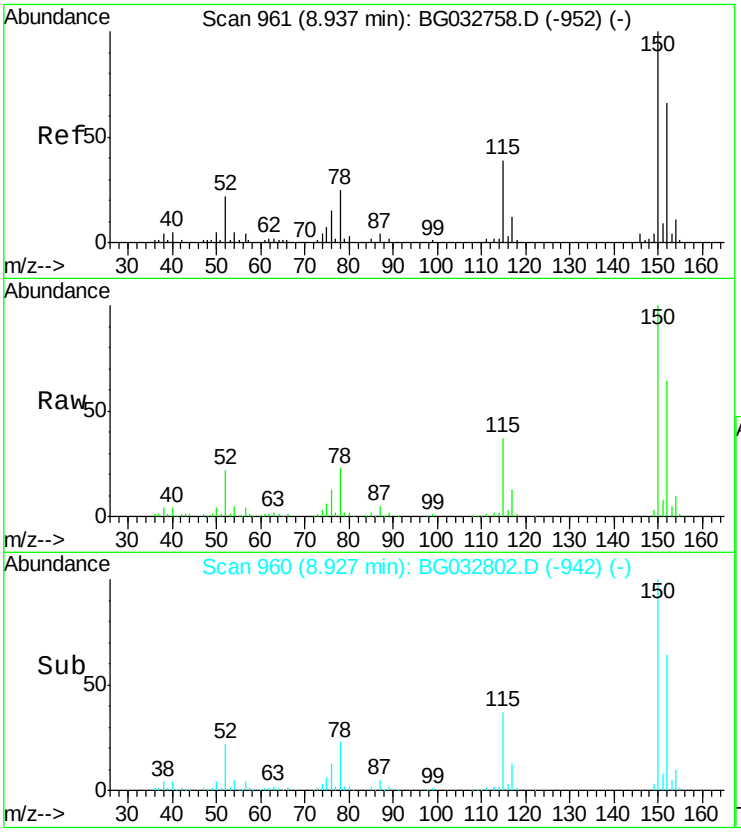
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022318\
Data File : BG032802.D
Acq On : 23 Feb 2018 22:42
Operator : SJ/JU
Sample : J1642-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 24 02:10:51 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 17:04:54 2018
Response via : Initial Calibration



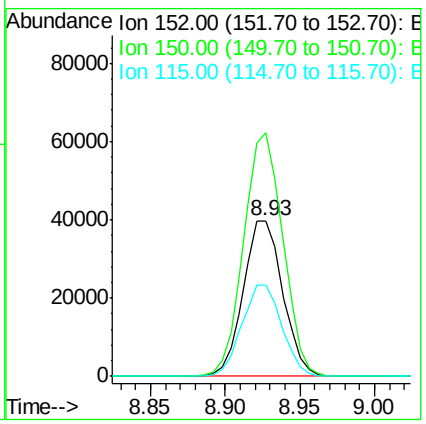


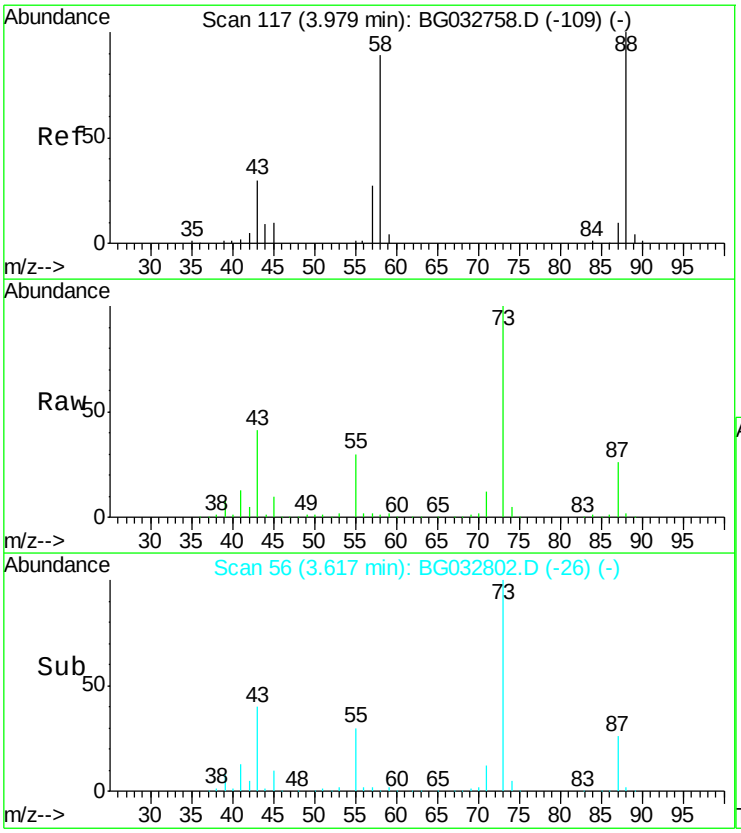
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.93 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG032802.D
Acq: 23 Feb 2018 22:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 72547

Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.6	189.8
115	58.3	53.0	79.4

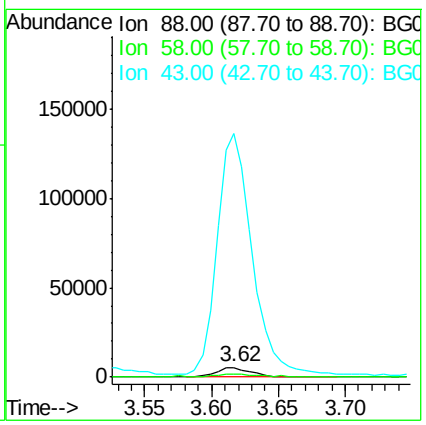


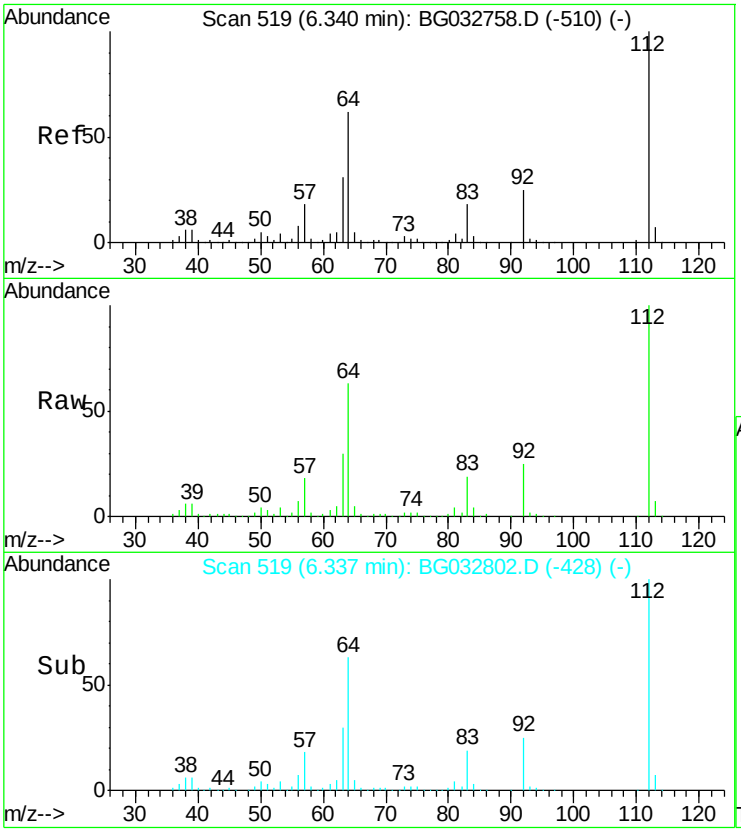


#2
1,4-Dioxane
Concen: 5.15 ng
RT: 3.62 min Scan# 56
Delta R.T. -0.36 min
Lab File: BG032802.D
Acq: 23 Feb 2018 22:42

Tgt Ion: 88 Resp: 10145

Ion	Ratio	Lower	Upper
88	100		
58	30.8	79.6	119.4#
43	2447.0	27.4	41.0#



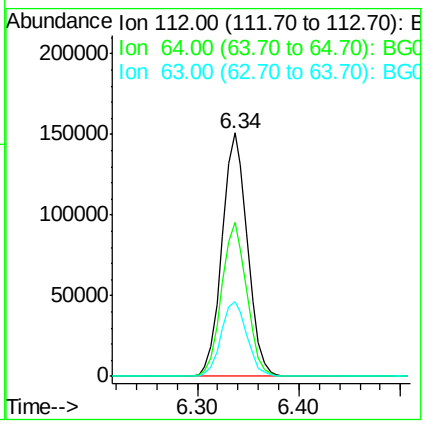


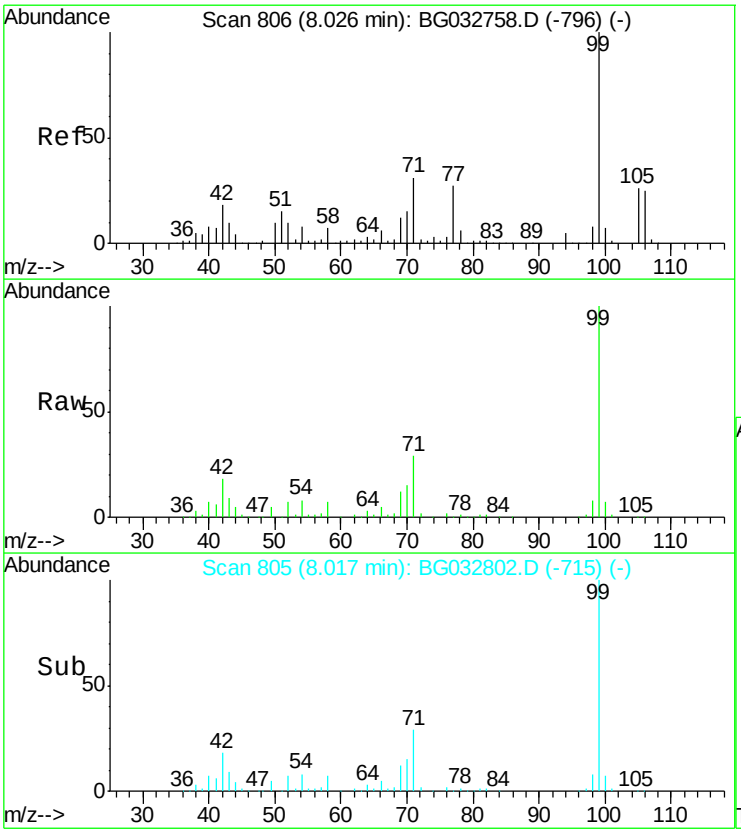
#5
2-Fluorophenol
Concen: 57.56 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032802.D
Acq: 23 Feb 2018 22:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 261022

Ion	Ratio	Lower	Upper
112	100		
64	63.1	56.3	84.5
63	30.5	30.1	45.1

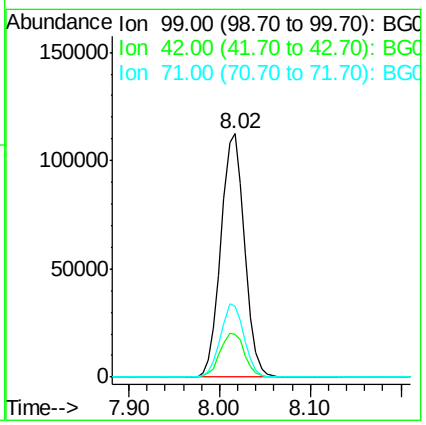


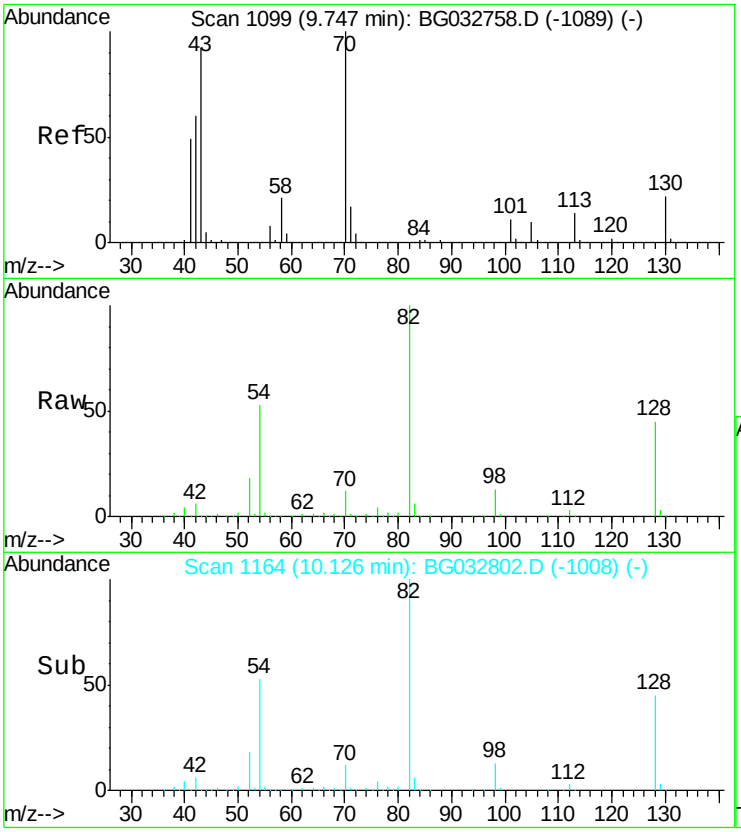


#7
Phenol-d6
Concen: 32.13 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.00 min
Lab File: BG032802.D
Acq: 23 Feb 2018 22:42

Tgt Ion: 99 Resp: 203097

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.1	21.1
71	28.9	26.1	39.1



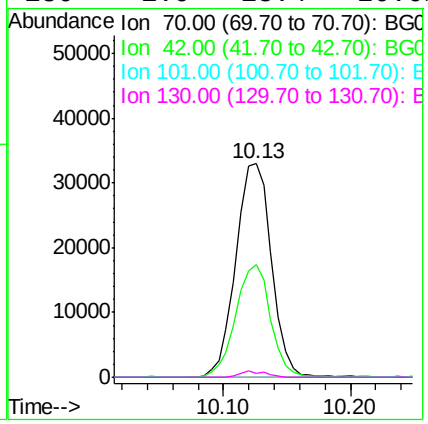


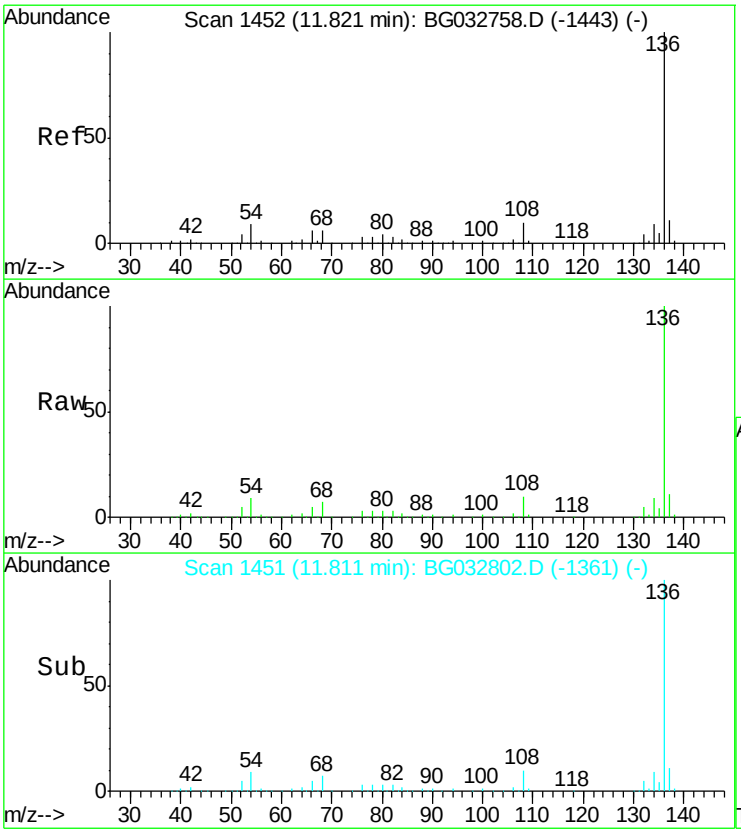
#19
n-Nitroso-di-n-propylamine
Concen: 14.39 ng
RT: 10.13 min Scan# 1164
Delta R.T. 0.38 min
Lab File: BG032802.D
Acq: 23 Feb 2018 22:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 64222

Ion	Ratio	Lower	Upper
70	100		
42	53.0	49.1	73.7
101	0.0	8.5	12.7#
130	1.9	13.4	20.0#

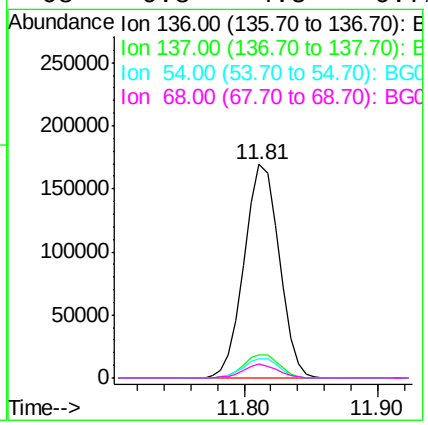


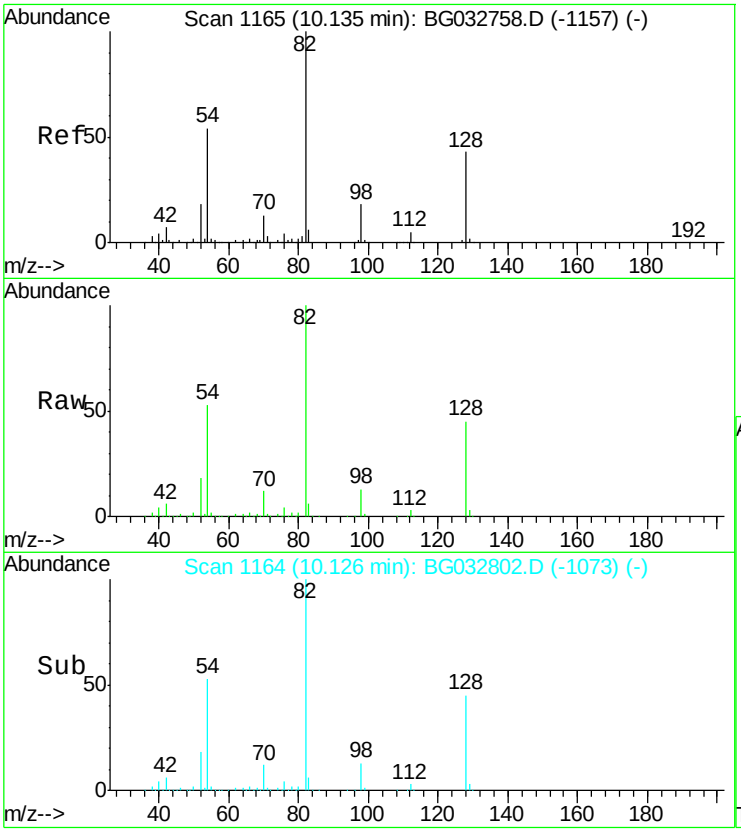


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.81 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BG032802.D
Acq: 23 Feb 2018 22:42

Tgt Ion:136 Resp: 307831

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	8.9	10.3	15.5#
68	6.8	4.5	6.7#



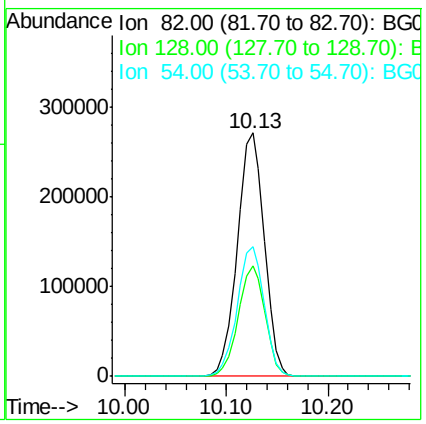


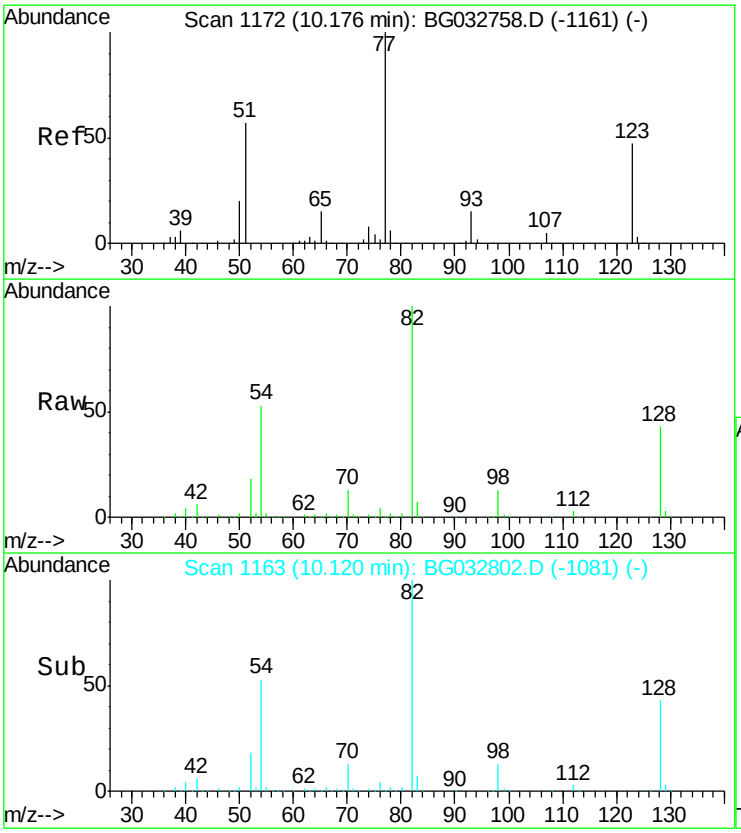
#23
Nitrobenzene-d5
Concen: 109.55 ng
RT: 10.13 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BG032802.D
Acq: 23 Feb 2018 22:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 500356

Ion	Ratio	Lower	Upper
82	100		
128	45.2	29.7	44.5#
54	53.1	43.1	64.7

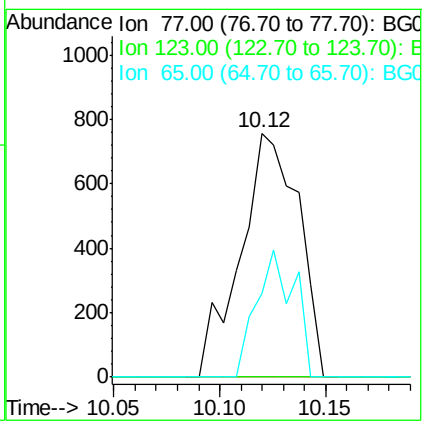


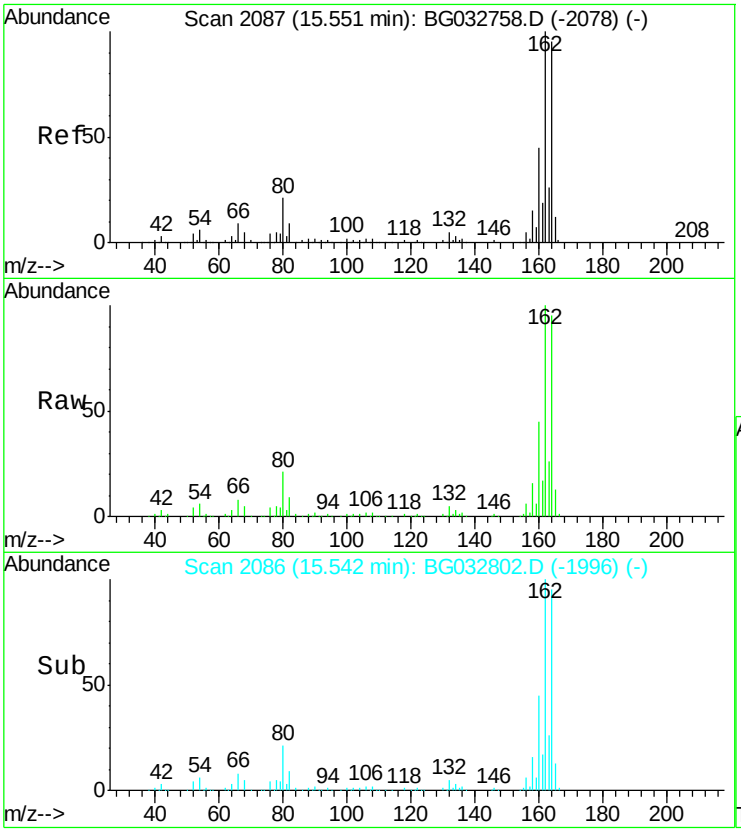


#24
Nitrobenzene
Concen: 6.64 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.05 min
Lab File: BG032802.D
Acq: 23 Feb 2018 22:42

Tgt Ion: 77 Resp: 1453

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	34.3	13.0	19.6#



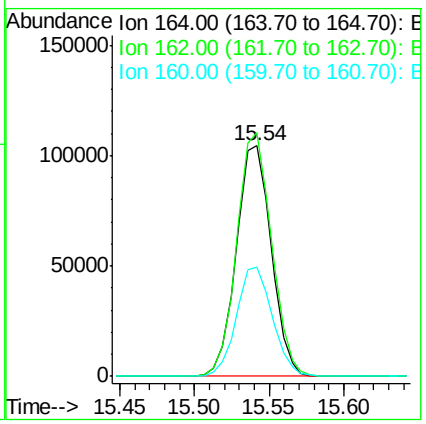


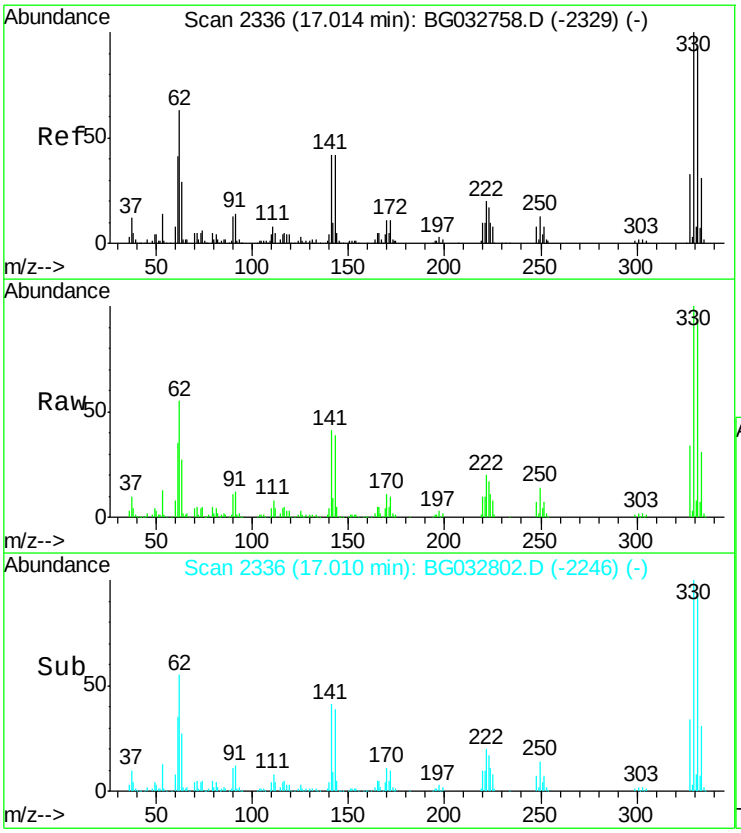
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.54 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BG032802.D
Acq: 23 Feb 2018 22:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 169650

Ion	Ratio	Lower	Upper
164	100		
162	105.6	78.8	118.2
160	47.1	35.4	53.0

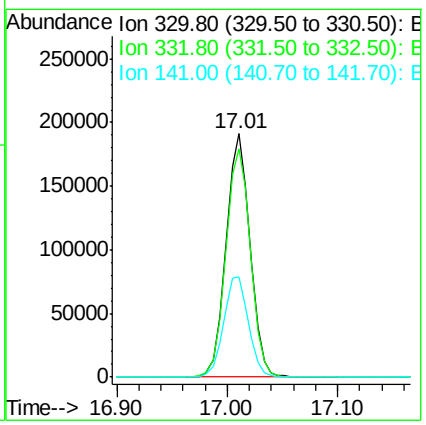


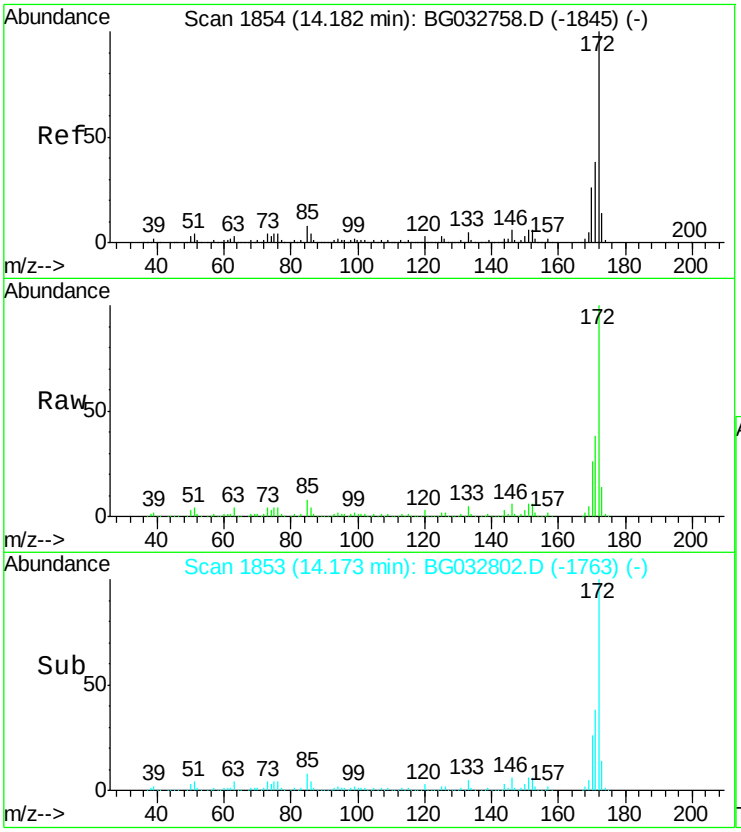


#41
2,4,6-Tribromophenol
Concen: 163.13 ng
RT: 17.01 min Scan# 2336
Delta R.T. -0.00 min
Lab File: BG032802.D
Acq: 23 Feb 2018 22:42

Tgt Ion:330 Resp: 290995

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	42.5	25.2	37.8#



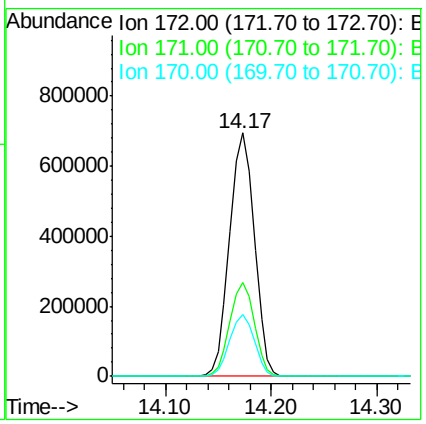


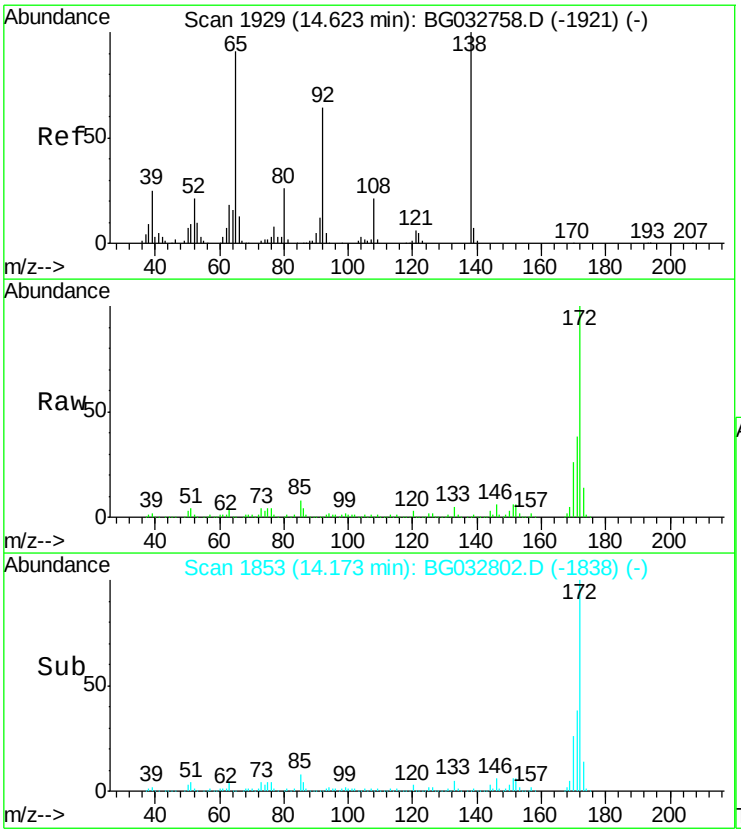
#44
2-Fluorobiphenyl
Concen: 95.81 ng
RT: 14.17 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BG032802.D
Acq: 23 Feb 2018 22:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1126989

Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	25.6	19.5	29.3

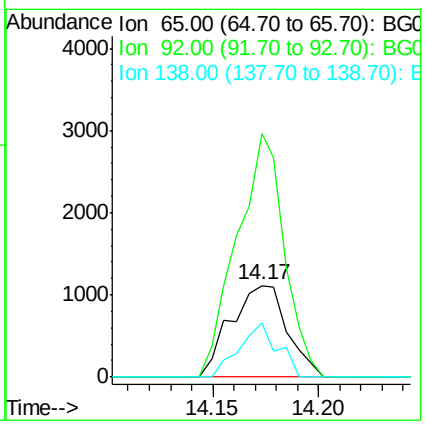


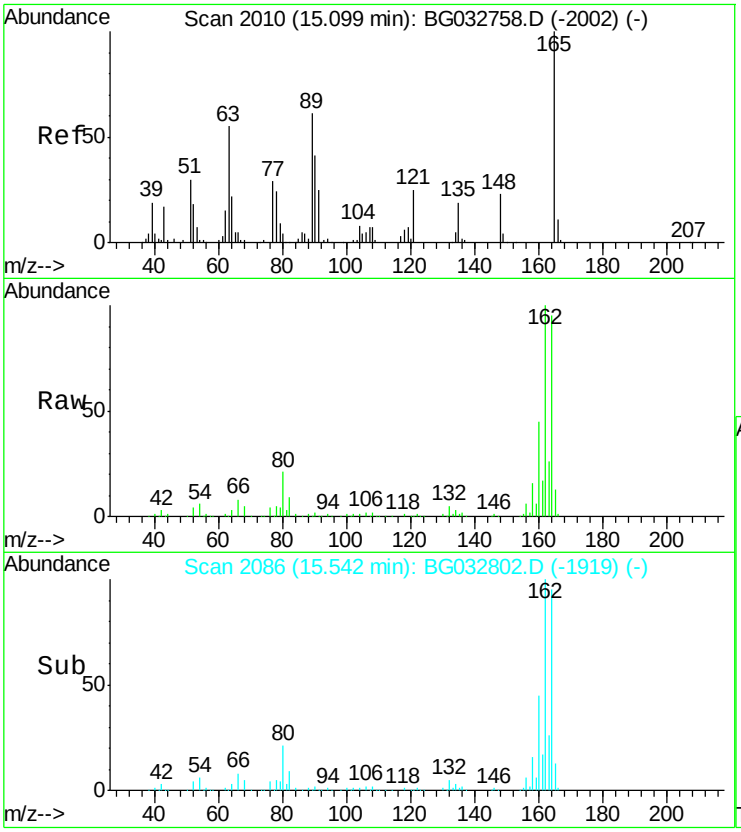


#47
2-Nitroaniline
Concen: 10.42 ng
RT: 14.17 min Scan# 1853
Delta R.T. -0.44 min
Lab File: BG032802.D
Acq: 23 Feb 2018 22:42

Tgt Ion: 65 Resp: 2063

Ion	Ratio	Lower	Upper
65	100		
92	266.7	54.6	82.0#
138	59.2	72.9	109.3#



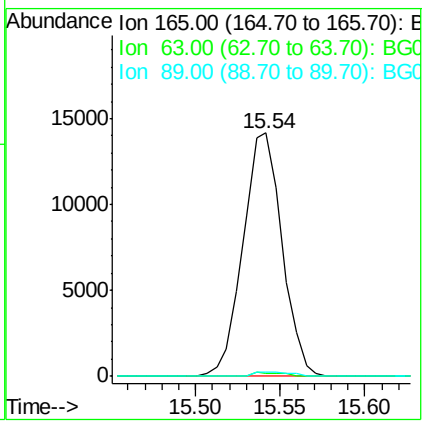


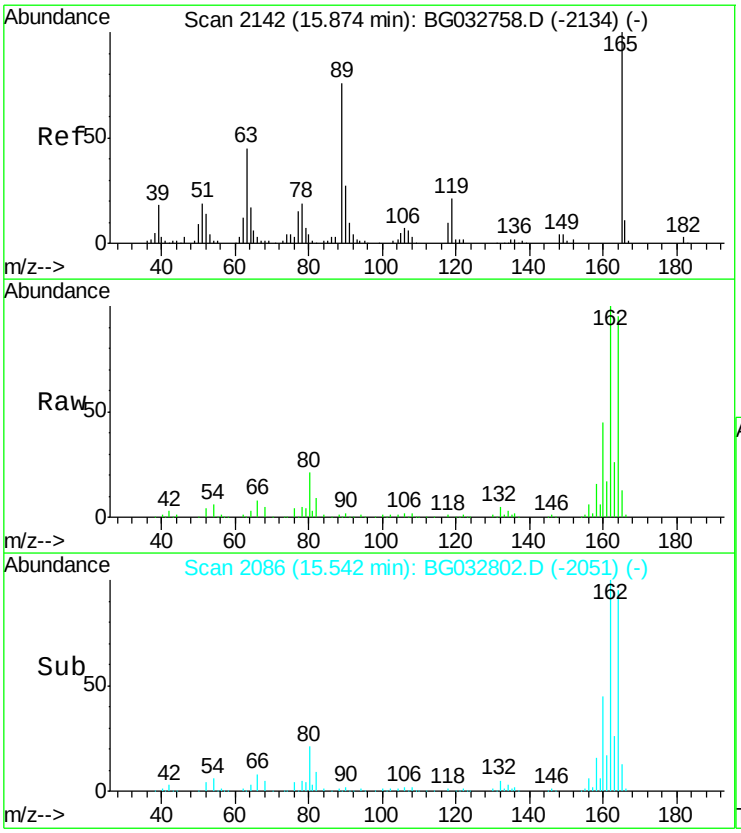
#50
2,6-Dinitrotoluene
Concen: 16.66 ng
RT: 15.54 min Scan# 2086
Delta R.T. 0.45 min
Lab File: BG032802.D
Acq: 23 Feb 2018 22:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 22710

Ion	Ratio	Lower	Upper
165	100		
63	1.3	52.7	79.1#
89	1.6	49.2	73.8#

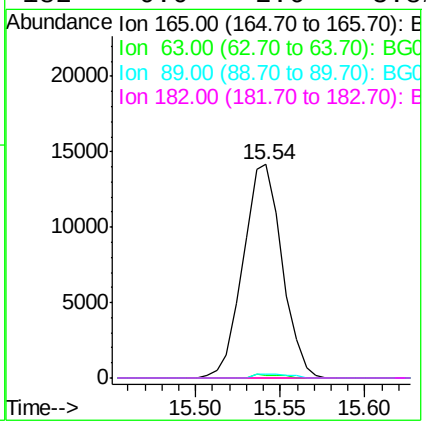


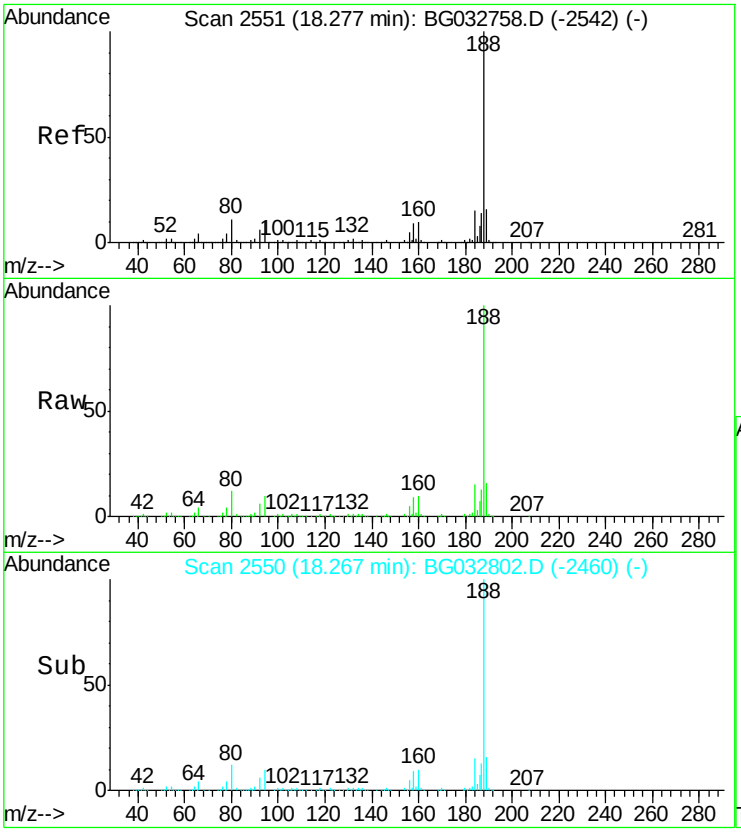


#56
2,4-Dinitrotoluene
Concen: 14.86 ng
RT: 15.54 min Scan# 2086
Delta R.T. -0.33 min
Lab File: BG032802.D
Acq: 23 Feb 2018 22:42

Tgt Ion:165 Resp: 22710

Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.0	63.0#
89	1.6	66.9	100.3#
182	0.0	2.6	3.8#



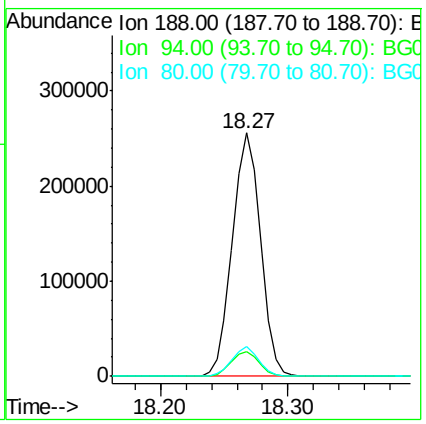


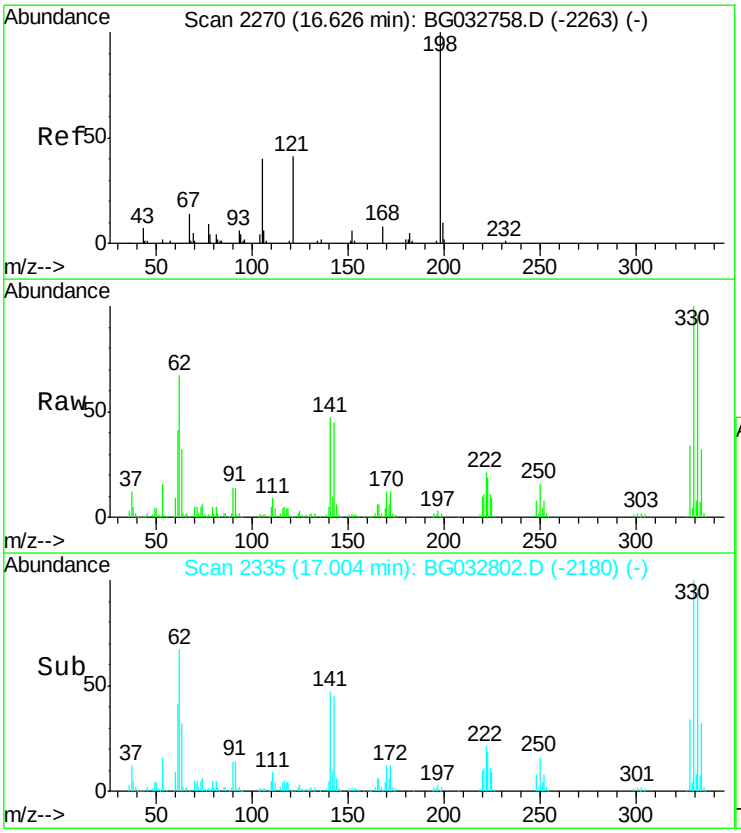
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.27 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BG032802.D
Acq: 23 Feb 2018 22:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 391660

Ion	Ratio	Lower	Upper
188	100		
94	10.0	6.9	10.3
80	12.1	7.7	11.5#

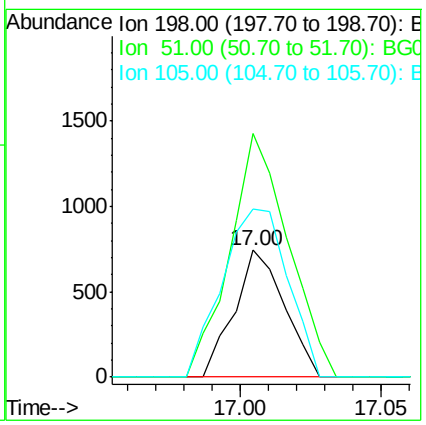


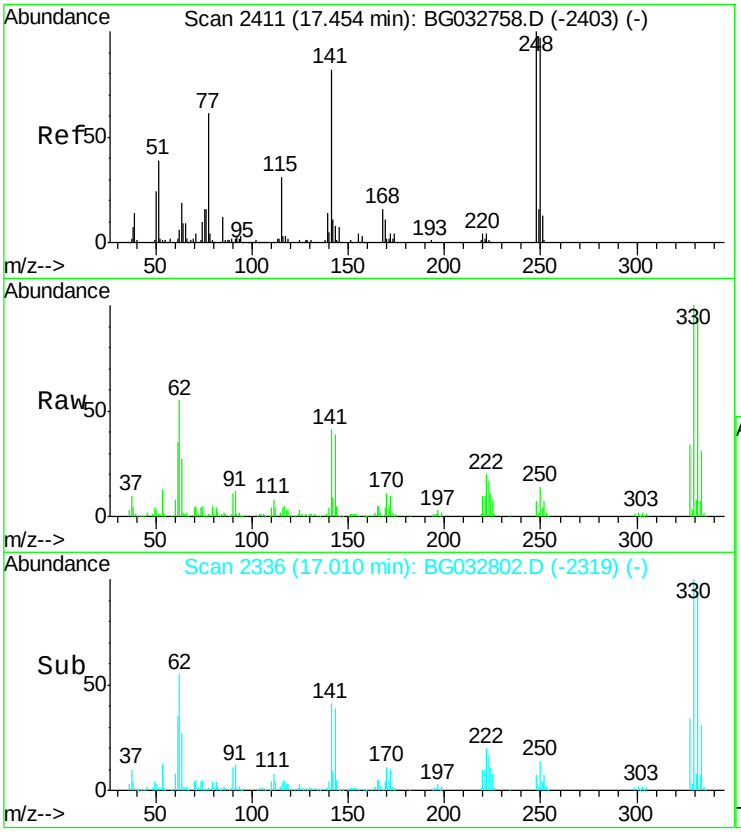


#64
4,6-Dinitro-2-methylphenol
Concen: 5.94 ng
RT: 17.00 min Scan# 2335
Delta R.T. 0.38 min
Lab File: BG032802.D
Acq: 23 Feb 2018 22:42

Tgt Ion:198 Resp: 911

Ion	Ratio	Lower	Upper
198	100		
51	191.8	30.6	70.6#
105	132.1	23.8	63.8#



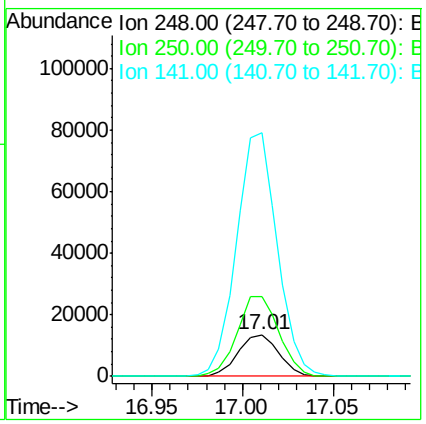


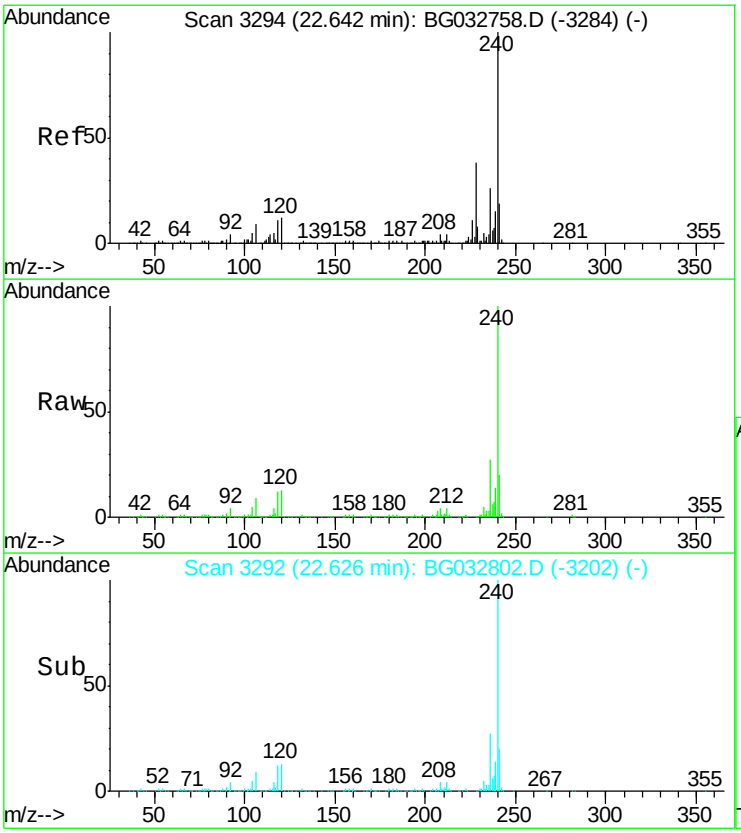
#66
4-Bromophenyl-phenylether
Concen: 5.14 ng
RT: 17.01 min Scan# 2336
Delta R.T. -0.43 min
Lab File: BG032802.D
Acq: 23 Feb 2018 22:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 21270

Ion	Ratio	Lower	Upper
248	100		
250	191.1	77.1	115.7#
141	579.7	50.8	76.2#

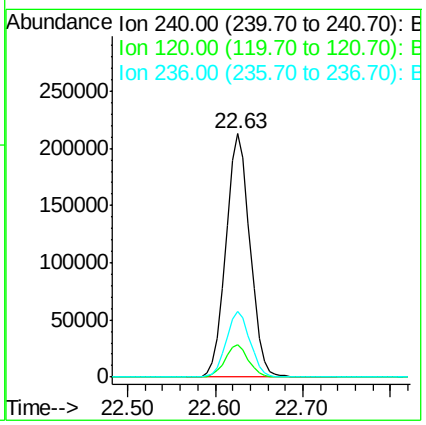


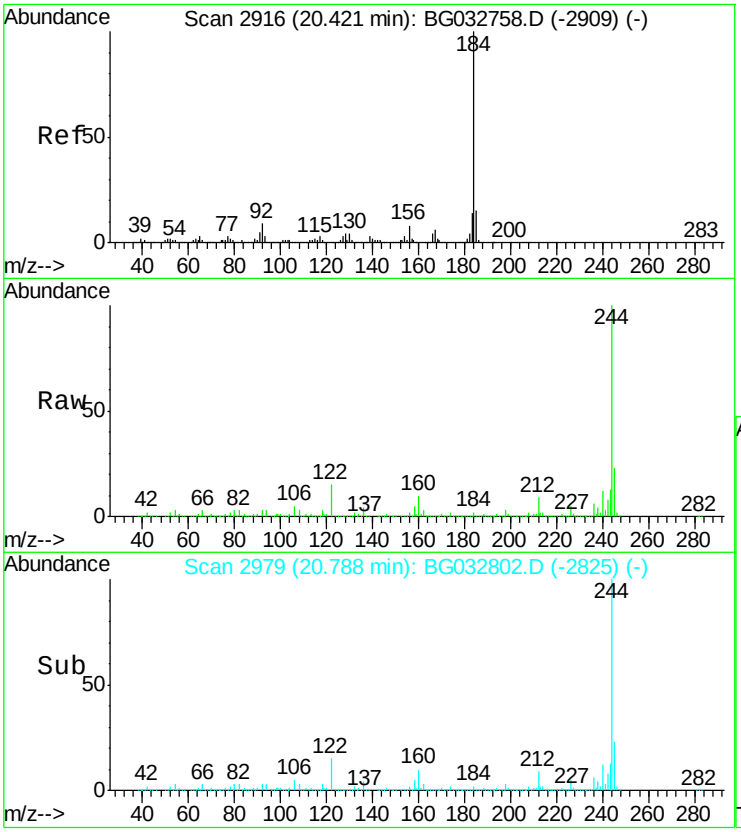


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.63 min Scan# 3292
Delta R.T. -0.00 min
Lab File: BG032802.D
Acq: 23 Feb 2018 22:42

Tgt Ion:240 Resp: 398703

Ion	Ratio	Lower	Upper
240	100		
120	13.4	6.8	10.2#
236	27.0	20.9	31.3



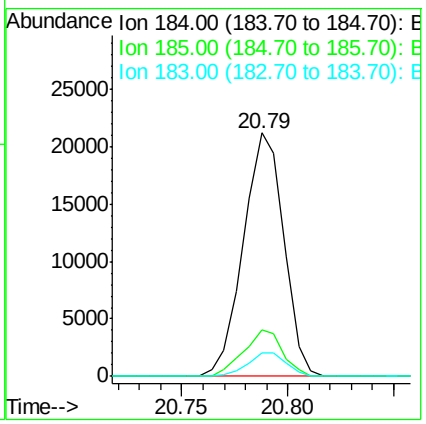


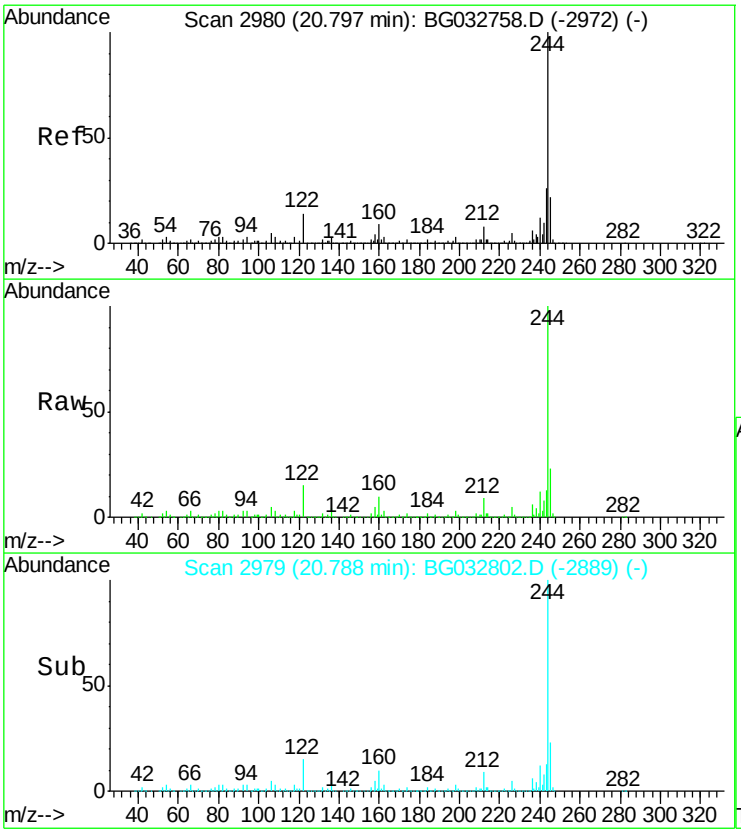
#76
Benzidine
Concen: 2.07 ng
RT: 20.79 min Scan# 2979
Delta R.T. 0.37 min
Lab File: BG032802.D
Acq: 23 Feb 2018 22:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 28153

Ion	Ratio	Lower	Upper
184	100		
185	19.2	11.1	16.7#
183	9.6	10.6	16.0#

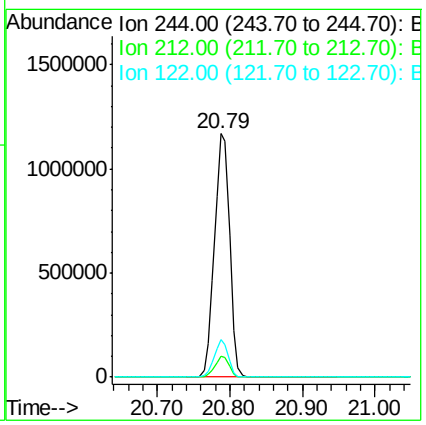


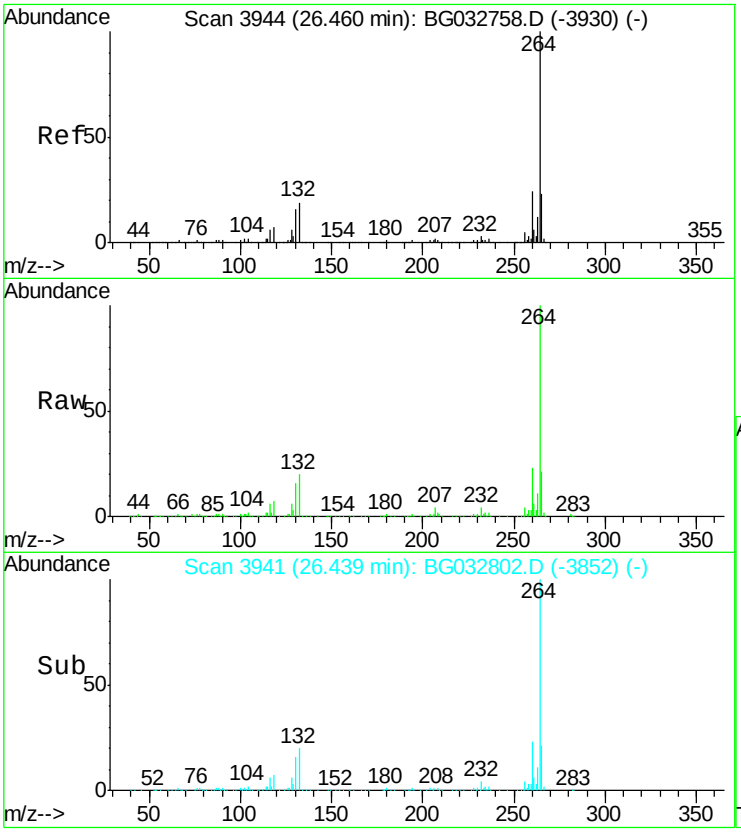


#78
Terphenyl-d14
Concen: 95.67 ng
RT: 20.79 min Scan# 2979
Delta R.T. -0.00 min
Lab File: BG032802.D
Acq: 23 Feb 2018 22:42

Tgt Ion:244 Resp: 1697821

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	15.4	7.0	10.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 26.44 min Scan# 3941
Delta R.T. -0.01 min
Lab File: BG032802.D
Acq: 23 Feb 2018 22:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 421962

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	21.0	17.7	26.5